

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009839.D
 Acq On : 04 Aug 2022 17:55
 Operator : KP/MD
 Sample : N3998-01
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

Quant Time: Aug 05 01:44:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	42299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	90438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	93198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	38273	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22890	68.015	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.040%
35) Dibromofluoromethane	7.703	113	20607	37.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.740%
50) Toluene-d8	10.179	98	84915	52.848	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	105.700%
62) 4-Bromofluorobenzene	12.483	95	22705	30.408	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	60.820%

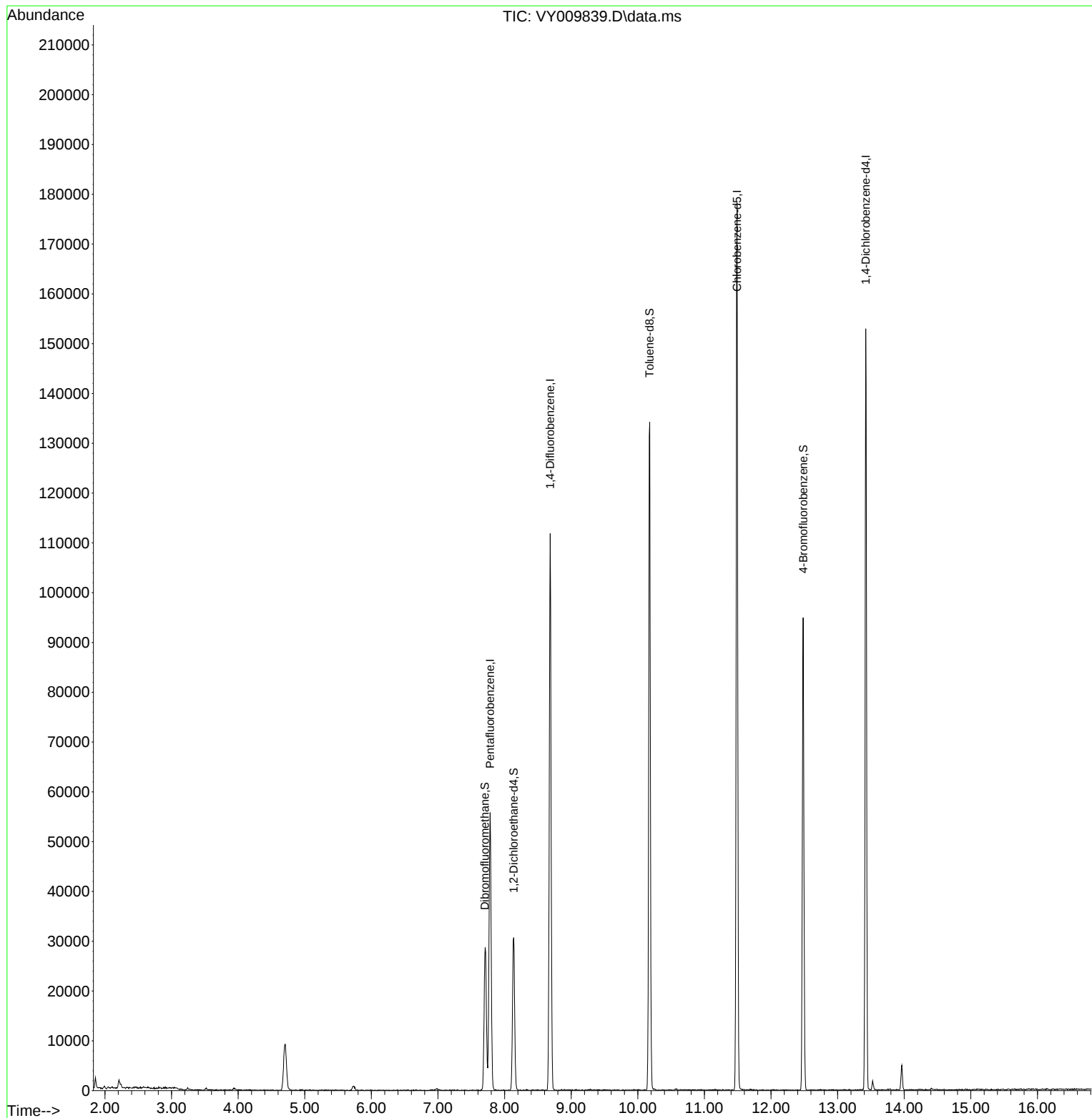
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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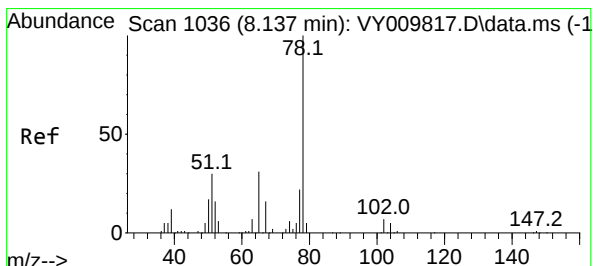
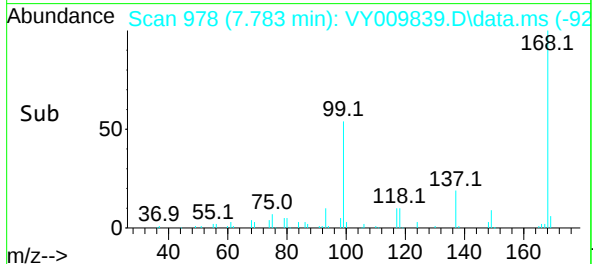
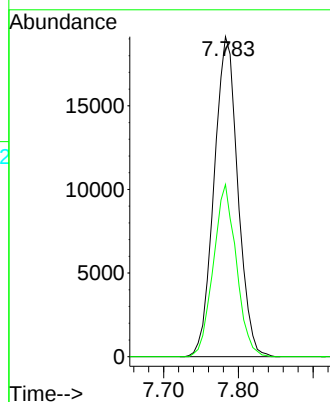
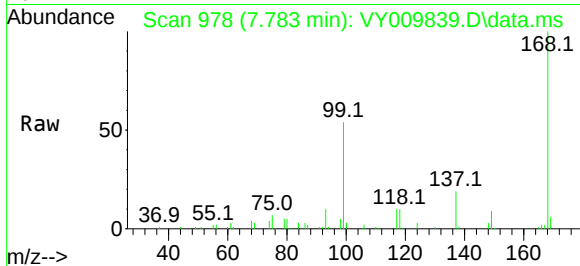




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009839.D
Acq: 04 Aug 2022 17:55

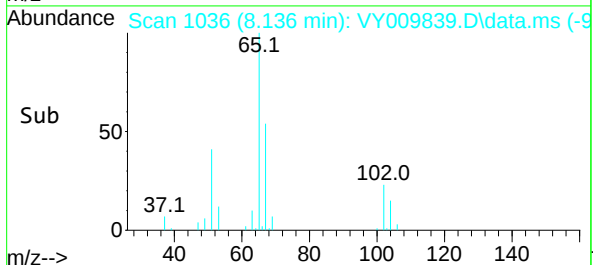
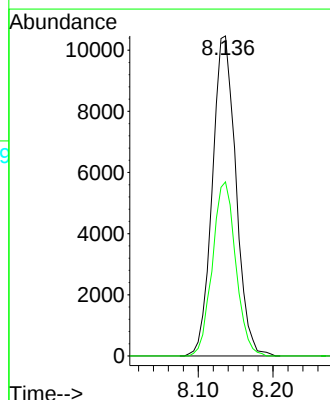
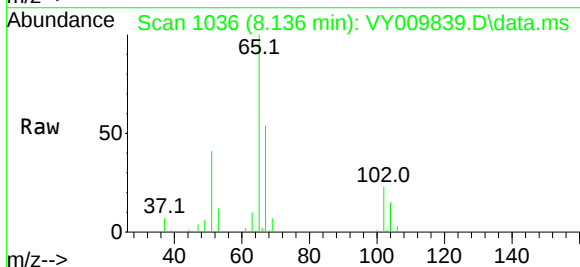
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

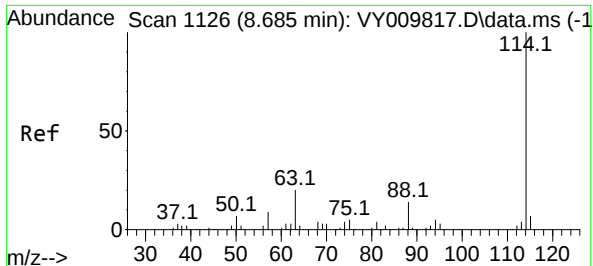
Tgt Ion:168 Resp: 42299
Ion Ratio Lower Upper
168 100
99 53.8 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 68.015 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY009839.D
Acq: 04 Aug 2022 17:55

Tgt Ion: 65 Resp: 22890
Ion Ratio Lower Upper
65 100
67 54.0 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009839.D

Acq: 04 Aug 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-1

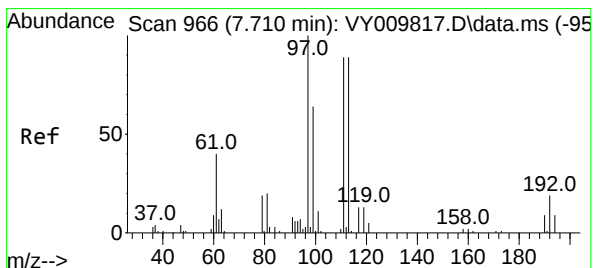
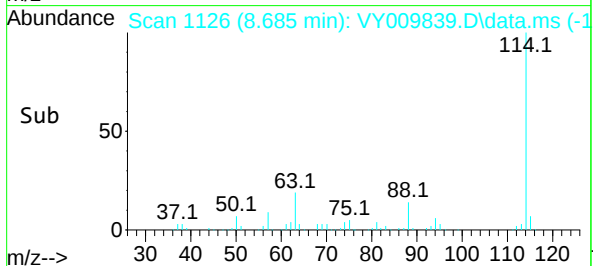
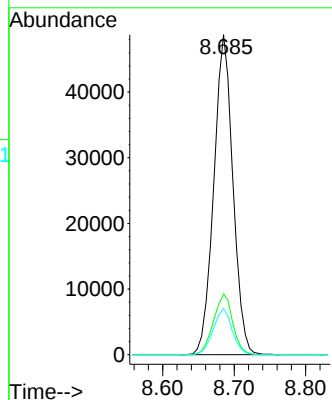
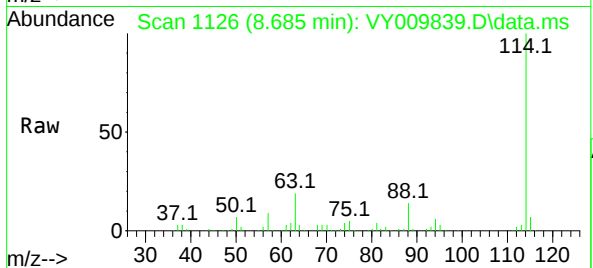
Tgt Ion:114 Resp: 90438

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.2

88 14.3 0.0 27.6



#35

Dibromofluoromethane

Concen: 37.371 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.006 min

Lab File: VY009839.D

Acq: 04 Aug 2022 17:55

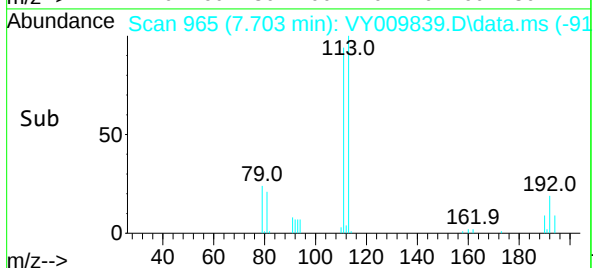
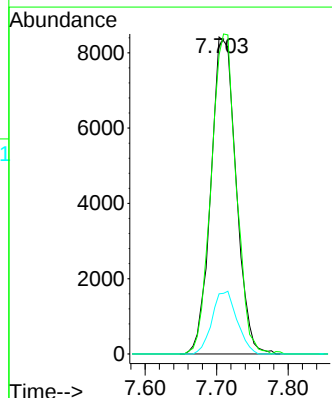
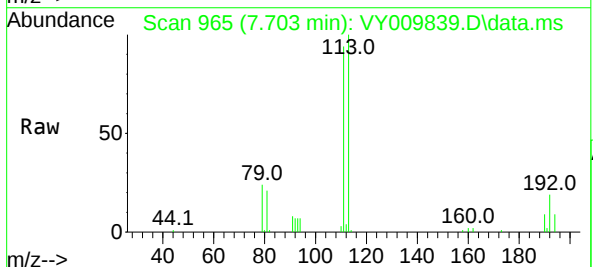
Tgt Ion:113 Resp: 20607

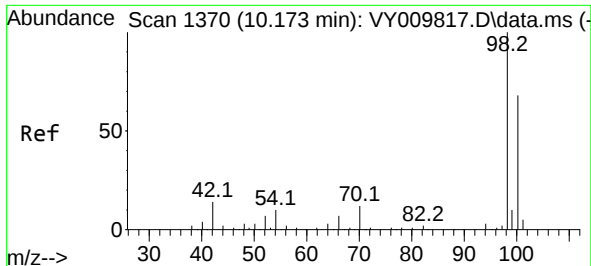
Ion Ratio Lower Upper

113 100

111 99.8 82.4 123.6

192 19.5 16.5 24.7

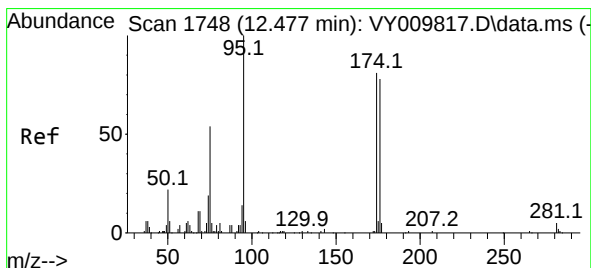
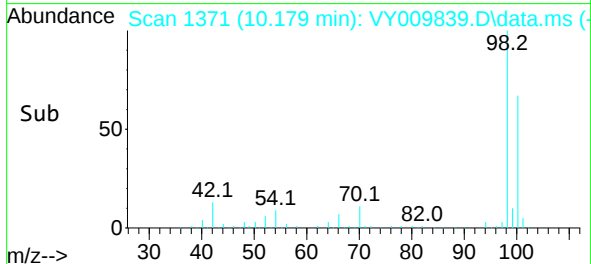
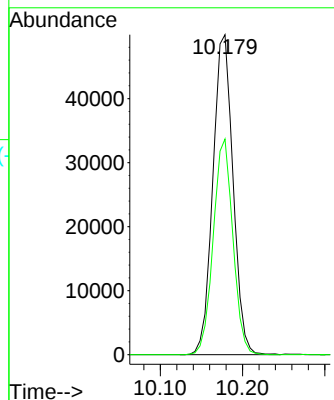
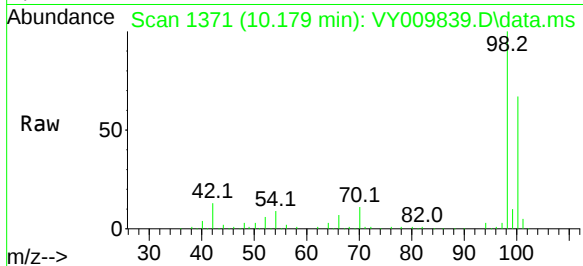




#50
Toluene-d8
Concen: 52.848 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009839.D
Acq: 04 Aug 2022 17:55

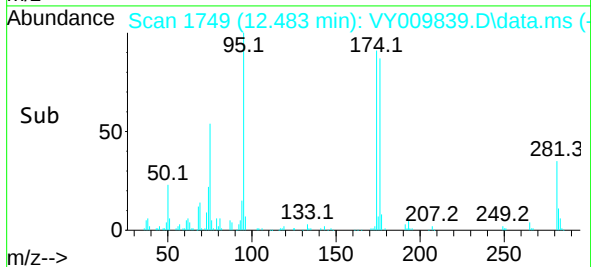
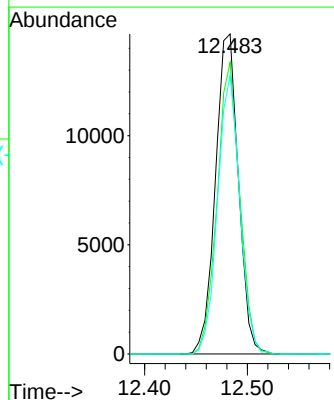
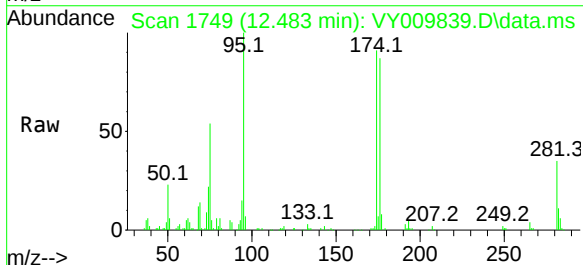
Instrument :
MSVOA_Y
ClientSampleId :
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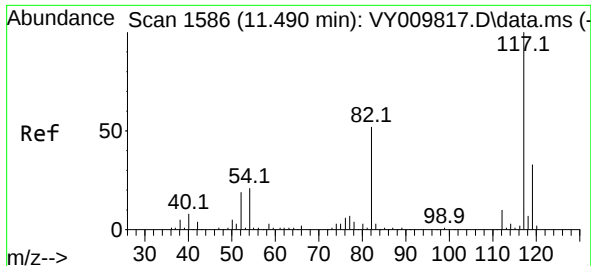
Tgt Ion: 98 Resp: 84915
Ion Ratio Lower Upper
98 100
100 65.6 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 30.408 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009839.D
Acq: 04 Aug 2022 17:55

Tgt Ion: 95 Resp: 22705
Ion Ratio Lower Upper
95 100
174 89.6 0.0 168.6
176 84.2 0.0 163.6

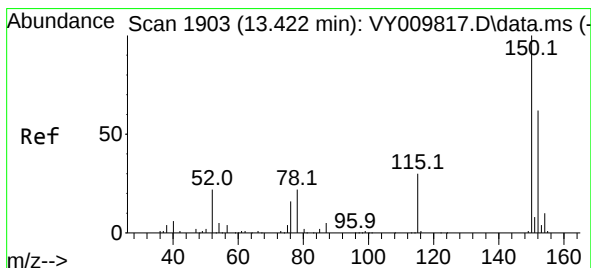
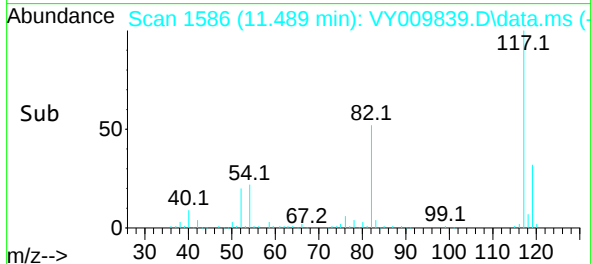
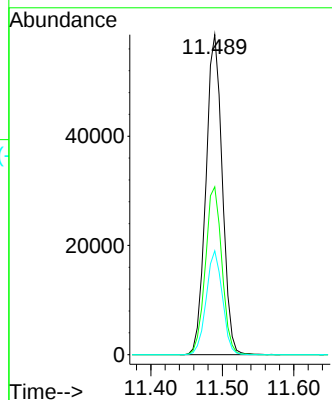
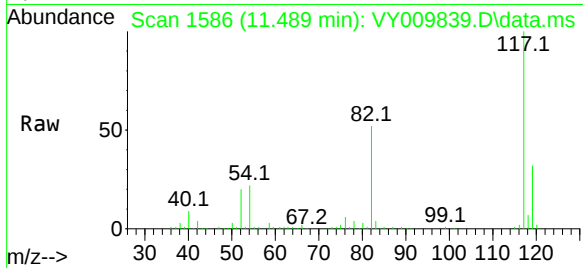




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009839.D
Acq: 04 Aug 2022 17:55

Instrument :
MSVOA_Y
ClientSampleId :
SB-1

Tgt Ion:117 Resp: 93198
Ion Ratio Lower Upper
117 100
82 52.5 41.7 62.5
119 32.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009839.D
Acq: 04 Aug 2022 17:55

Tgt Ion:152 Resp: 38273
Ion Ratio Lower Upper
152 100
115 55.5 28.9 86.7
150 156.1 0.0 354.2

